

## Refine Search

### Search Results -

Terms	Documents
L42 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate)	1

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
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 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L43





### Search History

DATE: Saturday, January 19, 2008

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side by side			
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L43</u>	L42 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate)	1	<u>L43</u>
<u>L42</u>	L39 and ((carboxylic near acid) or (acrylic near acid))	13	<u>L42</u>
<u>L41</u>	L40 and ((carboxylic near acid) or (acrylic near acid))	3	<u>L41</u>
<u>L40</u>	L39 and (cosmetic or (personal near care) or (hair near cosmetic))	25	<u>L40</u>
<u>L39</u>	L38 and (hydrophilic and hydrophobic)	38	<u>L39</u>
<u>L38</u>	L1 and ((linear near triblock near copolymer) or (straight near triblock near copolymer))	247	<u>L38</u>
<u>L37</u>	L36 and ((treatment near after near polymereization) or hydrolysis or quaternization or (amine-oxide near form\$2))	11	<u>L37</u>
<u>L36</u>	L33 and ((two near Tg) or (two near melting near points) or (two near glass near transition near temperature))	27	<u>L36</u>
<u>L35</u>	L34 and (cosmetic or (hair near washing) or (skin near cleaning) or (skin near	54	<u>L35</u>

	care) or hygiene or cosmetic)		
<u>L34</u>	L33 and (amphoteric or amphiphilic)	108	<u>L34</u>
<u>L33</u>	L30 and ((hydrophilic near block) or (acrylic near acid) or vinylcaprolactam or vinylpyrrolidone or vinylacrylamide or (amine-oxide near group) or (alkoxy near group) or (epoxy near group) or (carboxybetaine near group) or (carboxylic near acid))	434	<u>L33</u>
<u>L32</u>	L31 and ((hydrophilic near block) or (acrylic near acid) or vinylcaprolactam or vinylpyrrolidone or vinylacrylamide)	14	<u>L32</u>
<u>L31</u>	L30 and ((hard near block) and (soft near block))	29	<u>L31</u>
<u>L30</u>	L1 and ((straight-chain) or (linear near triblock near copolymer) or (linear near chain))	629	<u>L30</u>
<u>L29</u>	L23 and (Young near modulus)	0	<u>L29</u>
<u>L28</u>	L23 and (acrylic near block near copolymer)	0	<u>L28</u>
<u>L27</u>	L23 and amphiphilic	0	<u>L27</u>
<u>L26</u>	L23 and (triblock near copolymer)	0	<u>L26</u>
<u>L25</u>	L23 and (amphiphilic near block near copolymer)	0	<u>L25</u>
<u>L24</u>	L23 and (linear near block near copolymer)0		<u>L24</u>
<u>L23</u>	(5815517 or 6123933 or 3927199 or 4371517 or 5139037 or 5089252 or 4402977 or 4190718).pn.	19	<u>L23</u>
<u>L22</u>	L20 and amphiphilic	0	<u>L22</u>
<u>L21</u>	L20 and (triblock near copolymer)	0	<u>L21</u>
<u>L20</u>	(5849291 or 5660819 or 5472686).pn.	5	<u>L20</u>
<u>L19</u>	6938078	2	<u>L19</u>
<u>L18</u>	L16 and 525/\$.ccls.	62	<u>L18</u>
<u>L17</u>	L16 and ((amphiphilic near triblock near copolymer) or (amphiphilic near multiblock near copolymer))	1	<u>L17</u>
<u>L16</u>	L1 and (straight-chain)	186	<u>L16</u>
<u>L15</u>	L13 and (straight-chain)	11	<u>L15</u>
<u>L14</u>	L13 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate)	11	<u>L14</u>
<u>L13</u>	L12 and (cosmetic or (hair near washing) or (skin near cleaning) or (skin near care) or hygiene or pharmaceutical or cosmetic)	86	<u>L13</u>
<u>L12</u>	L11 and amphiphilic	128	<u>L12</u>
<u>L11</u>	L1 and ((straight-chain) or (linear near chain) or (straight near chain))	928	<u>L11</u>
<u>L10</u>	L9 and ((straight-chain) or (linear near chain) or (straight near chain))	22	<u>L10</u>
<u>L9</u>	L8 and ((Tg) or (glass near transition near temperature) or (two near melt near points) or (two near melting near points) or (two near Tg))	95	<u>L9</u>
<u>L8</u>	L7 and ((acrylic near acid) or (acrylic near acid near unit) or (acrylic near acid near block) or (acrylic near acid near segment))	472	<u>L8</u>
<u>L7</u>	L1 and (amphiphilic or (amphiphilic near triblock near copolymer) or (amphiphilic near multiblock near copolymer))	797	<u>L7</u>
<u>L6</u>	L5 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate)	11	<u>L6</u>
	L4 and ((acrylic near acid) or (acrylic near acid near unit) or (acrylic near acid		

<u>L5</u>	near block) or (acrylic near acid near segment))	13	<u>L5</u>
<u>L4</u>	L3 and ((hydrophilic near block) or (hydrophilic near polymer) or (hydrophilic near unit) or (hydrophilic near segment) or (hydrophilic near groups))	14	<u>L4</u>
<u>L3</u>	L2 and ((glass near transition near temperature) or (Tg) or (two near melt near points) or (two near melting near points) or (two near Tg))	79	<u>L3</u>
<u>L2</u>	L1 and ((acrylic near block near copolymer) or (acrylate near block near copolymer))	105	<u>L2</u>
<u>L1</u>	(triblock near copolymer) or ((A-B-A) near block near copolymer)	7675	<u>L1</u>

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Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 20070021569 A1

L43: Entry 1 of 1

File: PGPB

Jan 25, 2007

PGPUB-DOCUMENT-NUMBER: 20070021569

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070021569 A1

TITLE: SULFONATED BLOCK COPOLYMERS, METHOD FOR MAKING SAME, AND VARIOUS USES FOR SUCH BLOCK COPOLYMERS

PUBLICATION-DATE: January 25, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
WILLIS; Carl Lesley	Houston	TX	US
HANDLIN; Dale Lee JR.	Houston	TX	US
TRENOR; Scott Russell	Houston	TX	US
MATHER; Brian Douglas	Blacksburg	VA	US

US-CL-CURRENT: 525/314

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WMO	Drawings
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Terms	Documents
L42 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate)	1

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## Refine Search

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Terms	Documents
L45 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate) and ((carboxylic near acid) or (acrylic near acid))	3

Database:

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L47





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Set Name	Query	Hit Count	Set Name result set
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<a href="#">L47</a>	L45 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate) and ((carboxylic near acid) or (acrylic near acid))	3	<a href="#">L47</a>
<a href="#">L46</a>	L45 and ((linear near triblock near copolymer) or (straight near triblock near copolymer))	0	<a href="#">L46</a>
<a href="#">L45</a>	4339371	50	<a href="#">L45</a>
<a href="#">L44</a>	4339371.pn.	3	<a href="#">L44</a>
<a href="#">L43</a>	L42 and ((2-ethylhexylacrylate) or (ethylhexyl near acrylate) or ethylhexylacrylate)	1	<a href="#">L43</a>
<a href="#">L42</a>	L39 and ((carboxylic near acid) or (acrylic near acid))	13	<a href="#">L42</a>
<a href="#">L41</a>	L40 and ((carboxylic near acid) or (acrylic near acid))	3	<a href="#">L41</a>
<a href="#">L40</a>	L39 and (cosmetic or (personal near care) or (hair near cosmetic))	25	<a href="#">L40</a>
<a href="#">L39</a>	L38 and (hydrophilic and hydrophobic)	38	<a href="#">L39</a>

<u>L38</u>	L1 and ((linear near triblock near copolymer) or (straight near triblock near copolymer))	247	<u>L38</u>
<u>L37</u>	L36 and ((treatment near after near polymereization) or hydrolysis or quaternization or (amine-oxide near form\$2))	11	<u>L37</u>
<u>L36</u>	L33 and ((two near Tg) or (two near melting near points) or (two near glass near transition near temperature))	27	<u>L36</u>
<u>L35</u>	L34 and (cosmetic or (hair near washing) or (skin near cleaning) or (skin near care) or hygiene or cosmetic)	54	<u>L35</u>
<u>L34</u>	L33 and (amphoteric or amphiphilic)	108	<u>L34</u>
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<u>L26</u>	L23 and (triblock near copolymer)	0	<u>L26</u>
<u>L25</u>	L23 and (amphiphilic near block near copolymer)	0	<u>L25</u>
<u>L24</u>	L23 and (linear near block near copolymer)0		<u>L24</u>
<u>L23</u>	(5815517 or 6123933 or 3927199 or 4371517 or 5139037 or 5089252 or 4402977 or 4190718).pn.	19	<u>L23</u>
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<a href="#"><u>L5</u></a>	L4 and ((acrylic near acid) or (acrylic near acid near unit) or (acrylic near acid near block) or (acrylic near acid near segment))	13	<a href="#"><u>L5</u></a>
<a href="#"><u>L4</u></a>	L3 and ((hydrophilic near block) or (hydrophilic near polymer) or (hydrophilic near unit) or (hydrophilic near segment) or (hydrophilic near groups))	14	<a href="#"><u>L4</u></a>
<a href="#"><u>L3</u></a>	L2 and ((glass near transition near temperature) or (Tg) or (two near melt near points) or (two near melting near points) or (two near Tg))	79	<a href="#"><u>L3</u></a>
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